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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/616,315	07/09/2003	Richard Abinal	P10-1302 US	1878
27215	7590	04/20/2007	EXAMINER	
MICHELIN NORTH AMERICA, INC. INTELLECTUAL PROPERTY DEPARTMENT MARC BLDG 31-2 515 MICHELIN ROAD GREENVILLE, SC 29605			MCDONALD, SHANTESE L	
ART UNIT		PAPER NUMBER		3723
SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE		
3 MONTHS	04/20/2007	PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/616,315	07/09/2003	Richard Abinal	P10-1302 US	1878
7590	11/23/2004		EXAMINER	
Alan A. Csonos Michelin North America, Inc. Intellectual Property Department P.O. Box 2026 Greenville, SC 29602			SMITH, JAMES G	
			ART UNIT	PAPER NUMBER
			3723	
DATE MAILED: 11/23/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	10/616,315	ABINAL, RICHARD
	Examiner James G. Smith	Art Unit 3723

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 8/3 & 10/8/04.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-14 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1-14 are finally rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The claims all contain reference numerals that are not in parentheses and therefore the reference numerals must be read as part of the structural elements for a proper understanding of the claim.

There is no antecedent basis for "the diameter of a circle on which the axially inner end" in claim 1.

It is also unclear as to what "a slider" is as there is no description or showing of such a structure (claim 6).

In claim 10, it is unclear how the stop roller 44 can be said to be "disposed in the direction B" as it is coaxial with the axis A.

Further, in claim 11 the axis of rotation of the roller 4 is claimed as "parallel to said axis A", however as stated above it is coaxial.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 5, 7 and 9 are finally rejected under 35 U.S.C. 102(b) as being clearly anticipated by any of Schultz et. al., Jacobson, Duquesne, Gaither, Ewald, Tran (134) r Tran (661).
5. Claim 8 is finally rejected under 35 U.S.C. 102(b) as being clearly anticipated by Schultz et. al..

Response to Arguments

6. Applicant's arguments filed 03 August and 09 October 2004 have been fully considered but they are not persuasive.

The use of reference characters without parentheses renders the claims ambiguous as to what is a limitation and what is not, thus the rejection is repeated.

Also applicant's remarks with respect to the undefined structure that makes up "a slider" is not persuasive as the term has no specific meaning in the art and thus anything that "slides" is a slider.

With respect to the paragraph (0015), it is this statement that is unclear in its definition of where the roller (44) is located. Applicant states that claim 10 refers to two embodiments, e.g. figures 2 and 3, however both embodiments show the roller (44) coaxial with the axis (A). Therefore to state and claim a parallel relationship between the roller and axis (A) is not supported by the original drawings and therefore the limitation in both claims is indefinite.

With respect to the rejection of claims 5-8 under section 102, applicant argues that the new limitation to claim 5, the method of using the tool, now defines over the prior art. This is in error as a new use of a tool can only be claimed as a method of

use, thus the added limitation adds nothing to the structure already claimed and rejected.

Conclusion

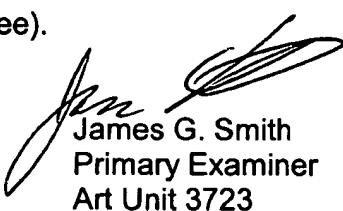
7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to James G. Smith whose telephone number is 571-272-4496. The examiner can normally be reached on M-Th (7:05- 4:35) Fri. off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph J. Hail, III can be reached on 571-272-4485. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



James G. Smith
Primary Examiner
Art Unit 3723

jgs
11/22/04